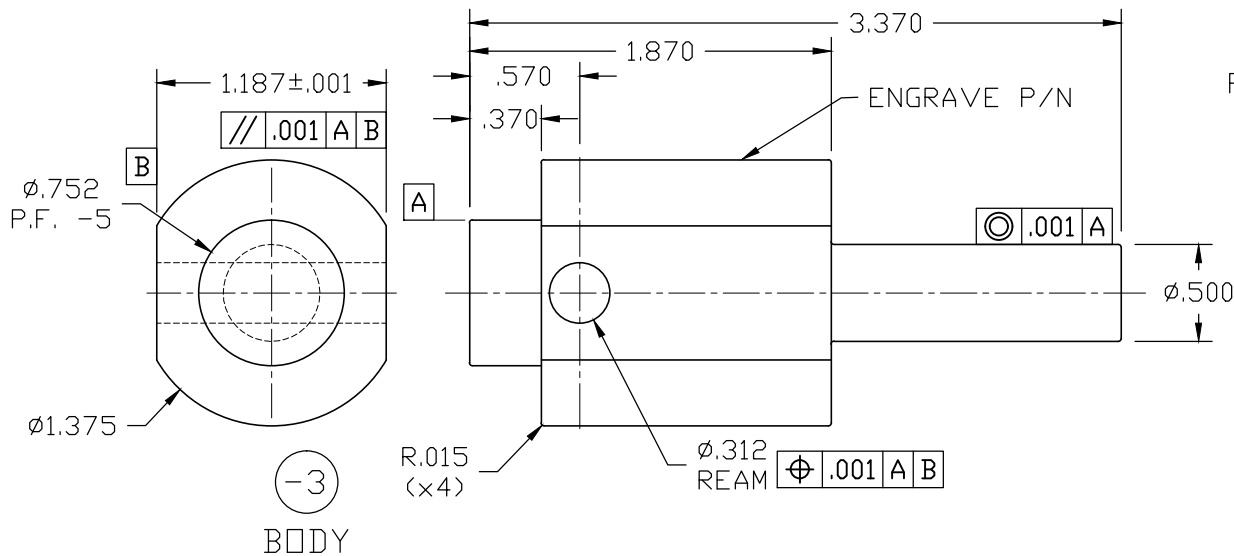
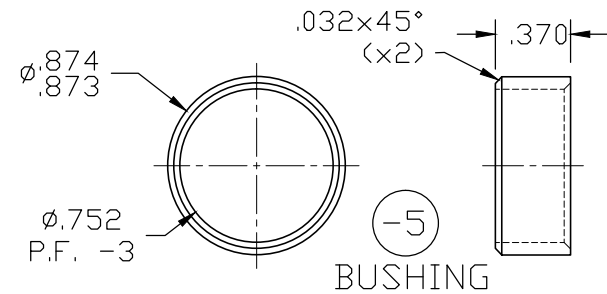
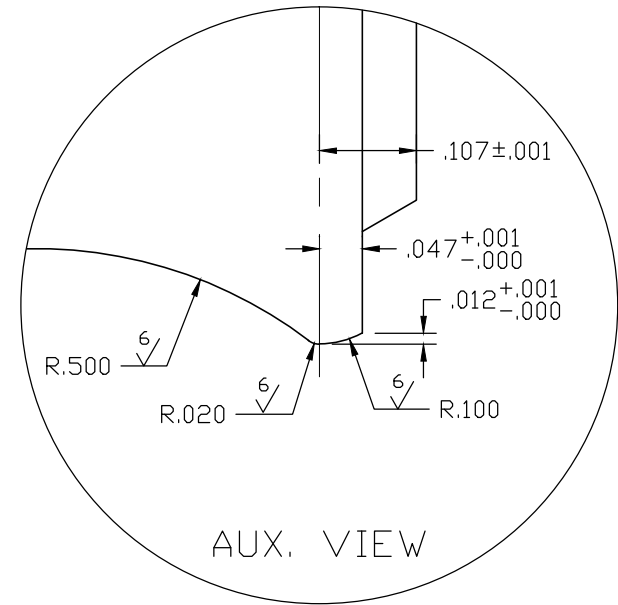
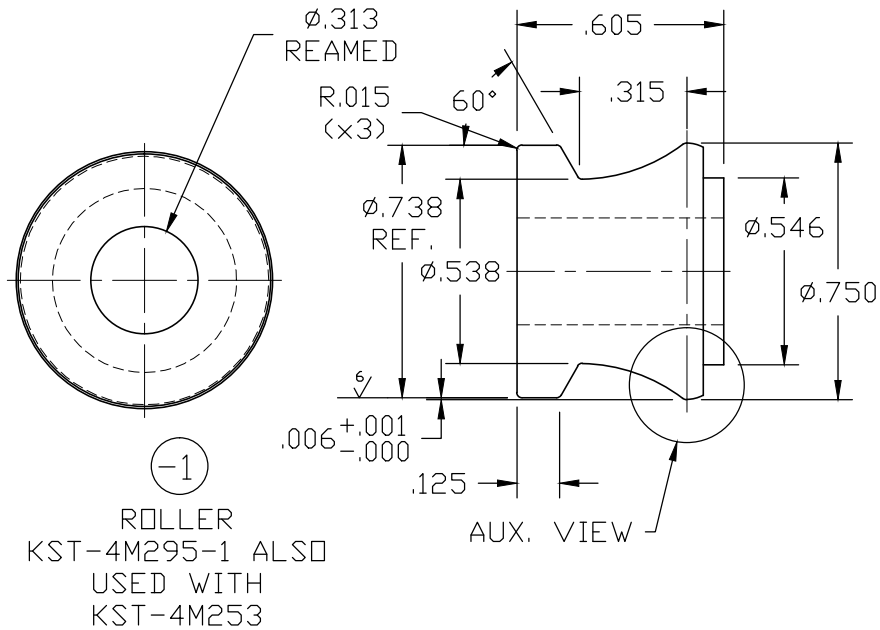


UNDER REVIEW
URF 19-1109 19.10.30 (VM)

| RED BARN MACHINE | | |
|---|------------------|-------------------|
| TITLE STAKING TOOL | | |
| DWG NO. | KST-4M253 | REV |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | | DRAWN BY: PERRITT |
| TOLERANCES ON: | | APPROVED |
| DECIMALS | | HEAT TREAT |
| .XXX ± .005 | FRACTIONS ± 1/32 | FINISH |
| .XX ± .01 | ANGLES ± 5° | BLACK OXIDE |
| .X ± .1 | | USED ON BEARING |
| UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | 4M253 |
| SCALE | NTS | DATE 12-11-07 |
| | | SHEET 3 of 3 |

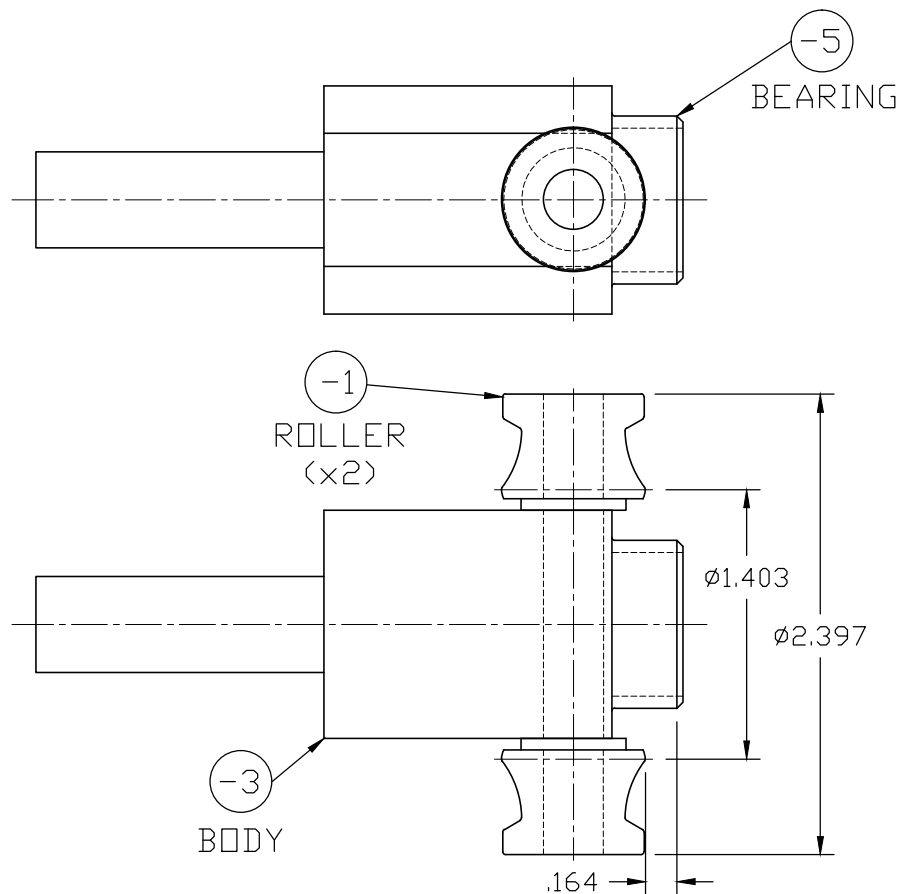
UNDER REVIEW

URF 19-1109 19.10.30 (VM)



| | | |
|--|------------------|-------------------------|
| RED BARN MACHINE | | |
| TITLE | | |
| STAKING TOOL | | |
| DWG NO. KST-4M253 | | REV |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | | DRAWN BY: PERRITT |
| TOLERANCES ON: | | APPROVED |
| DECIMALS | | HEAT TREAT -1; RC 55-60 |
| .XXX ± .005 | FRACTIONS ± 1/32 | FINISH BLACK OXIDE -3 |
| .XX ± .01 | ANGLES ± 5° | SPEC |
| .X ± .1 | | USED ON BEARING |
| UNLESS OTHERWISE SPECIFIED | | 4M253 |
| 1. BREAK ALL SHARP EDGES | | |
| .015 x 45° PR .015 R | | |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | |
| SCALE NTS | DATE 12-11-07 | SHEET 2 of 3 |

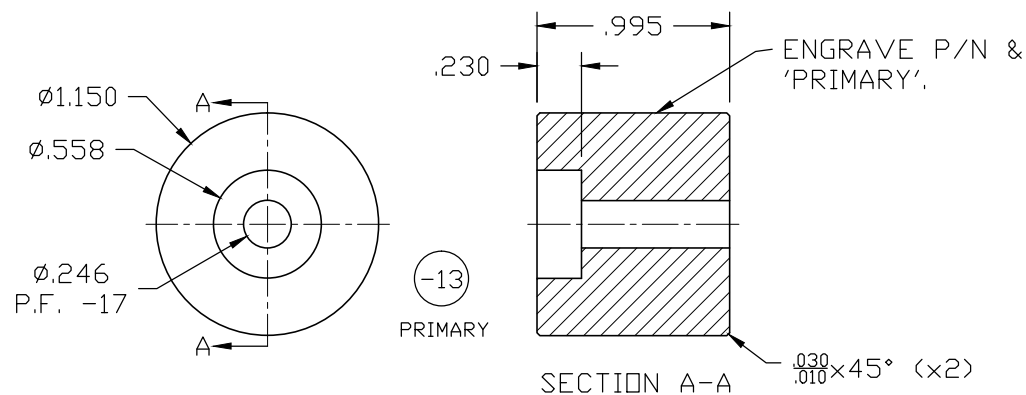
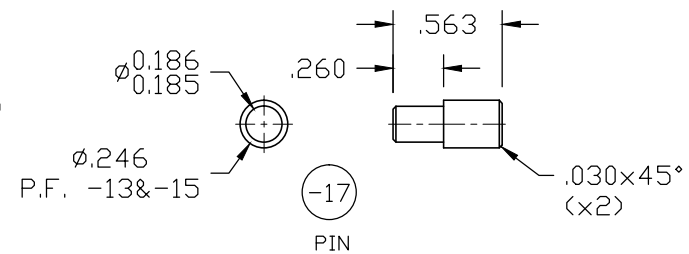
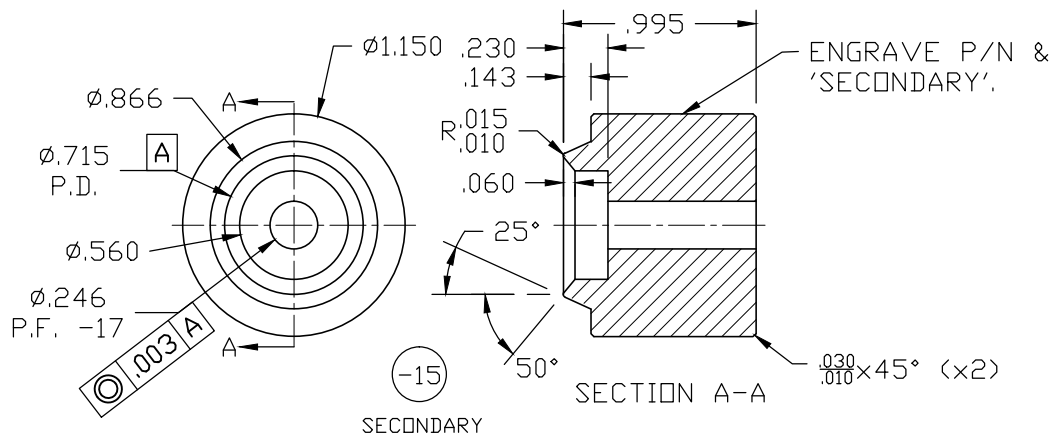
| REVISIONS | | | | |
|-----------|-------------|--|--|------|
| REV | DESCRIPTION | | | DATE |
| --- | --- | | | --- |



UNDER REVIEW
URF 19-1109 19.10.30 (VM)

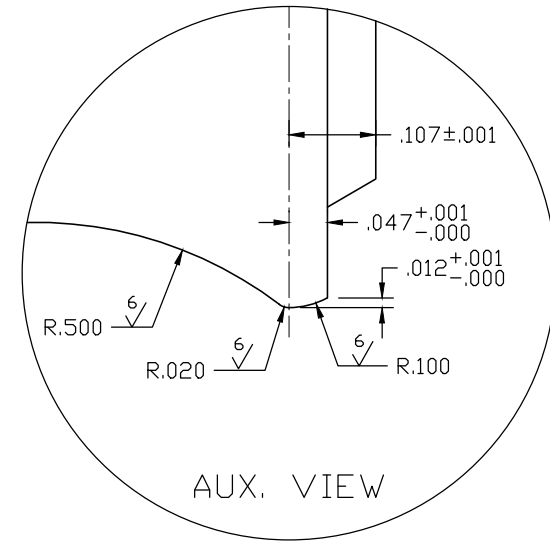
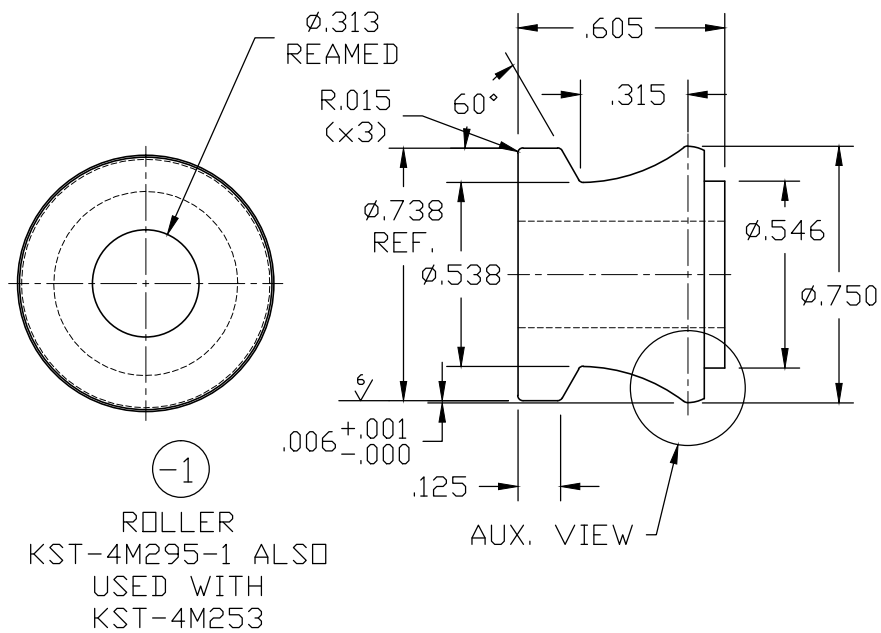
| | | | | | | | RED BARN MACHINE | | |
|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | STAKING TOOL | | |
| | | | | | | | DWG NO. KST-4M253 | | |
| | | | | | | | REV | | |
| | | | | | | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | | |
| | | | | | | | TOLERANCES ON: | | |
| | | | | | | | DECIMALS | | |
| | | | | | | | FRACTIONS ± 1/32 | | |
| | | | | | | | ANGLES ± 5° | | |
| | | | | | | | UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | |
| | | | | | | | SCALE NTS | | |
| | | | | | | | DATE 12-11-07 | | |
| | | | | | | | SHEET 1 of 3 | | |

| B/D | PART # | UNIT QTY | DESCRIPTION | MAT. | B/D INFORMATION OR SPECIFICATIONS | Pg. |
|-----|--------|----------|--------------------|----------|---|-----|
| | -1 | 2 | ROLLER RND. BAR | 0-1 | Ø3/4 x 3/4 | 2 |
| | -3 | 1 | BODY RND. BAR | 4140 Q&T | Ø1-3/16 x 3-3/8 | 2 |
| W/D | -5 | 1 | SLEEVE BEARING | BRONZE | 3/4 ID. x 7/8 OD. x 1/2 APPLIED IND. #MA6954838 | 2 |
| B/D | -7 | 1 | BOLT | STEEL | 5/16-24 UNF x 2-27/32 AIRCRAFT SPRUCE #AN5-26A | N/S |
| B/D | -9 | 1 | NUT | STEEL | 5/16-24 UNF AIRCRAFT SPRUCE #MS21042-5 | N/S |
| B/D | -11 | 2 | WASHER | STEEL | Ø5/16 ID. AIRCRAFT SPRUCE #AN960-516L | N/S |
| | -13 | 1 | PRIMARY RND. BAR | 4140 Q&T | Ø1-7/8 x 1-1/8 | 3 |
| | -15 | 1 | SECONDARY RND. BAR | 4140 Q&T | Ø1-7/8 x 1-1/8 | 3 |
| | -17 | 2 | PIN RND. BAR | 1018 | Ø7/8 x 5/8 | 3 |



UNDER REVIEW
URF 19-1109 19.10.30 (VM)

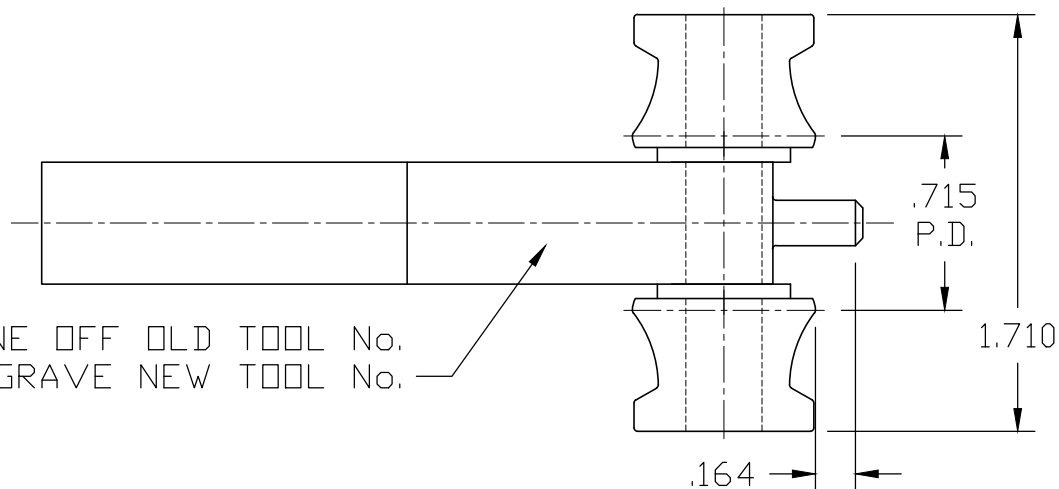
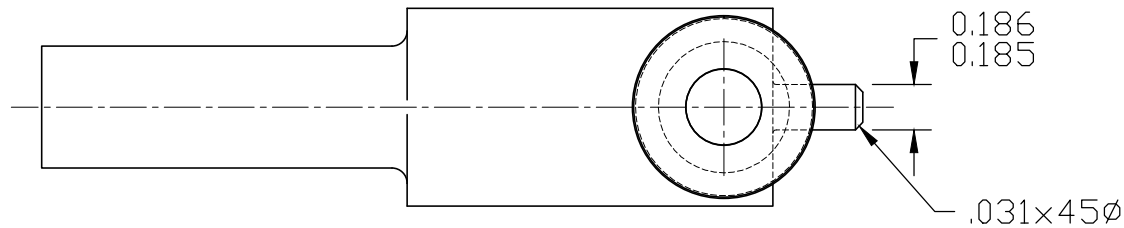
| RED BARN MACHINE | | | |
|--|---------------------|--------------------|----------|
| TITLE PRIMARY & SECONDARY | | | |
| DWG NO. | KST-4M295-13 TO -17 | | REV |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 X ± .1 FRACTIONS ± 1/32 ANGLES ± 5° UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | DRAWN BY: PERRITT | |
| | | APPROVED | |
| | | HEAT TREAT | |
| | | FINISH BLACK OXIDE | |
| | | USED ON BEARING | |
| | | 4M295 | |
| SCALE | NTS | DATE | 12-11-07 |
| | | SHEET | 3 of 3 |



UNDER REVIEW
 URF 19-1109 19.10.30 (VM)

| | |
|--|-------------------------------|
| RED BARN MACHINE | |
| TITLE ROLLER | |
| DWG NO. KST-4M295-1 | REV |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 XX ± .01 X ± .1 FRACTIONS ± 1/32 ANGLES ± 5° | |
| UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | |
| DRAWN BY: PERRITT APPROVED HEAT TREAT -1 ROLLER; RC 55-60 FINISH SPEC | |
| USED ON BEARING 4M295 | |
| SCALE NTS | DATE 12-11-07 SHEET 2 of 3 |

| REVISIONS | | | |
|-----------|-------------|------|---------|
| REV | DESCRIPTION | DATE | INITIAL |
| --- | --- | --- | --- |



UNDER REVIEW
URF 19-1109 19.10.30 (VM)

RED BARN MACHINE

| B/D INFORMATION OR SPECIFICATIONS | | | | | | | TITLE | | |
|-----------------------------------|--------|----------|--------------------|----------|---|-----|--|--|--|
| B/D | PART # | UNIT QTY | DESCRIPTION | MAT. | B/D INFORMATION OR SPECIFICATIONS | Pg. | STAKING TOOL | | |
| | -1 | 2 | ROLLER RND. BAR | 0-1 | Ø3/4 x 3/4 | 2 | DWG NO. KST-4M295 | | |
| | -3 | 1 | BODY | | RB T101530-7 | 1 | REV | | |
| B/D | -7 | 1 | BOLT | STEEL | 5/16-24 UNF x 2-7/32 AIRCRAFT SPRUCE #AN5-21A | N/S | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | | |
| B/D | -9 | 1 | NUT | STEEL | 5/16-24 UNF AIRCRAFT SPRUCE #MS21042-5 | N/S | TOLERANCES ON: | | |
| B/D | -11 | 2 | WASHER | STEEL | Ø5/16 ID. AIRCRAFT SPRUCE #AN960-516L | N/S | DECIMALS .XXX ± .005 FRACTIONS ± 1/32 | | |
| | -13 | 1 | PRIMARY RND. BAR | 4140 Q&T | Ø1-3/16 x 1-1/8 | 3 | XX ± .01 ANGLES ± 5° | | |
| | -15 | 1 | SECONDARY RND. BAR | 4140 Q&T | Ø1-3/16 x 1-1/8 | 3 | UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R | | |
| | -17 | 2 | PIN RND. BAR | 1018 | Ø1/4 x 5/8 | 3 | 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | |
| | | | | | | | DRAWN BY: PERRITT | | |
| | | | | | | | APPROVED | | |
| | | | | | | | HEAT TREAT -1 ROLLER; RC 55-60 | | |
| | | | | | | | FINISH SPEC | | |
| | | | | | | | USED ON BEARING | | |
| | | | | | | | 4M295 | | |
| | | | | | | | SCALE NTS | | |
| | | | | | | | DATE 12-11-07 | | |
| | | | | | | | SHEET 1 of 3 | | |

| REVISIONS | | | | |
|-----------|-------------|------|---------|------|
| REV | DESCRIPTION | DATE | INITIAL | APPR |
| — | — | — | — | — |

UNDER REVIEW

| ASSY QTY | B/D | PART # | UNIT QTY | DESCRIPTION | MAT. | B/D INFORMATION OR SPECIFICATIONS | Pg. | TITLE |
|----------|-----|--------|----------|-------------|------|-----------------------------------|-----|---|
| | | -1 | 1 | RND | 6061 | Ø8-1/4 x 3-7/8 | 2 | — — |
| | | | | | | | | DWG NO. — — RE |
| | | | | | | | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 FRACTIONS ± 1/32 .X ± .1 ANGLES ± .5° DRAWN BY: PERRITT APPROVED HEAT TREAT FINISH SPEC USED ON MODEL |
| | | | | | | | | UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING SCALE NTS DATE 8-15-07 SHEET 1 of 1 |

| | +030 -000 | +002 -000 | P.D. REF. | +002 -000 | +002 -000 | +000 -010 | MATERIAL |
|-------------|--------------|--------------|--------------|--------------|--------------|------------------|----------|
| <div></div> | .601 | .993 | 1.187 | 1.329 | 1.450 | 0-1 DRILL ROD | |
| | .701 | 1.093 | 1.287 | 1.429 | 1.550 | | |
| | .826 | 1.218 | 1.412 | 1.554 | 1.675 | | |
| | .951 | 1.343 | 1.537 | 1.679 | 1.800 | | |
| | | | | | | | |
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NOT APPROVED FOR PRODUCTION

NOT APPROVED FOR PRODUCTION

UNDER REVIEW

URF 19-1109 19.10.30 (VM)

URF 19-1109 19.10.30 (VM)

| ASSY QTY | ASSY QTY | B/D | PART # | UNIT QTY | DESCRIPTION | MAT. | B/D INFORMATION OR SPECIFICATIONS | Pg. |
|----------|----------|-----|--------|----------|-------------|------|-----------------------------------|-----|
| | | | -1 | 1 | RND | 6061 | Ø8-1/4 x 3-7/8 | 2 |
| | | | | | | | | |
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| ASSY # | | | | | | | | |

RED BARN MACHINE

DATE 8-15-07

SHEET 1 of 1

TITLE

— —

DWG NO.

— —

REV

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

TOLERANCES ON:

| | |
|-------------|------------------|
| DECIMALS | FRACTIONS ± 1/32 |
| .XXX ± .005 | |
| .XX ± .01 | ANGLES ± 5° |
| .X ± .1 | |

UNLESS OTHERWISE SPECIFIED

1. BREAK ALL SHARP EDGES
015° x 45° PR .015 R

2. DIMENSIONAL LIMITS APPLY AFTER PLATING

DRAWN BY: PERRITT

APPROVED

HEAT TREAT

FINISH SPEC

USED ON MODEL

SCALE NTS

DATE 8-15-07

SHEET 1 of 1